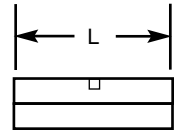




Scotchlok™ Terminals

MU18BCHT, MU14BCHT, MU10BCHT

Butt Connector, High Temperature, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.
MU18BCHT	22-18	0.056	0.030	0.25	0.070
MU14BCHT	16-14	0.056	0.030	0.25	0.090
MU10BCHT	12-10	0.056	0.040	0.25	0.135

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Maximum Continuous Temp.:	900°F / (482°C)
Maximum Current:	Same as Wire
Terminal Material:	Steel
Terminal Plating:	Nickel

Installation Information

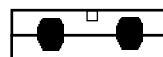
WARNING


Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

For use on stranded copper (AWG) wire only.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH450 (scissor style), or TR-490 (ratchet style) hand tools.



 Barrel Crimp (Required)

Engineering Specification

Crimp-type connectors shall, electrically and mechanically, connect permanently to the pre-stripped ends of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG) size (22-18, 16-14, 12-10). The connectors shall be marked with the wire range.

The Non Insulated, High Temperature Butt Connector shall be nickel-plated, annealed steel, having a double-length, round barrel, with a center stop, sized for a specified (AWG) wire range (22-18, 16-14, 12-10).

3M and Scotchlok are trademarks of 3M.

IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
<http://www.3M.com/elpd>

Litho in USA.
© 3M 2002 78-8126-0481-3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:
[MU10BCHTK](#)